

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S7	130	((mobile or wireless) adj stations) near3 (base adj stations) with (uplink and downlink) and (receiv\$3 or transmit\$3) with (dBs or trsholds)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/07 11:13
S9	639	((mobile or wireless) adj stations) near3 (base adj stations) with (different) near3 (mobile adj stations)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/02 20:24
S10	130	((mobile or wireless) adj stations) near3 (base adj stations) with (uplink and downlink) and (receiv\$3 or transmit\$3) with (dBs or trsholds)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/02 20:24
S11	12	S10 and S9	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/03 10:25
S12	87	(superimpos\$3) with (signal or channels) with (SNR or (signal adj noise adj ratio))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/03 10:28
S13	1	((mobile or wireless) adj stations) near3 (base adj stations) with (uplink and downlink) and (receiv\$3 or transmit\$3) with (dBs or trsholds) with (assign\$3) with (channels)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/03 10:28
S15	152	((mobile or wireless) adj (stations or terminals)) near3 (base adj stations) with (uplink and downlink) and (receiv\$3 or transmit\$3) with (dBs or trsholds)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/03 12:37
S16	4	((mobile or wireless) adj (stations or terminals)) near3 (base adj stations) with (uplink and downlink) and (receiv\$3 or transmit\$3) with (dBs or trsholds) near3 (SNR or (signal adj noise adj ratio))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/03 12:38
S17	1222	(assign\$3 OR SHAR\$3) NEAR CHANNELS WITH (TRAFFIC) NEAR2 CHANNEL	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/03 12:43
S18	2314	(assign\$3 OR SHAR\$3) NEAR3 CHANNELS WITH (TRAFFIC) NEAR2 CHANNEL	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/03 12:43

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S19	0	S16 and S18	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/03 12:43
S20	12	S15 and S18	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/03 12:43
S21	4	((mobile or wireless) adj (stations or terminals)) near3 (base adj stations) with (uplink and downlink) and (receiv\$3 or transmit\$3) with (dBs or trhesholds) near3 (SNR or (signal adj noise adj ratio))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/03 14:35
S22	4	((mobile or wireless) adj (stations or terminals)) near3 (base adj stations) with (uplink and downlink) and (receiv\$3 or transmit\$3) with (dBs or trhesholds) near3 (SNR or (signal adj noise adj ratio))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/03 14:36
S23	152	((mobile or wireless) adj (stations or terminals)) near3 (base adj stations) with (uplink and downlink) and (receiv\$3 or transmit\$3) with (dBs or trhesholds)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/03 15:01
S24	1	"20050143077"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/03 20:15
S26	9420	(transmit\$4 or send\$3) same (traffic) near3 channels	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/03 20:18
S27	1	(transmit\$4 or send\$3) same ((weak or low) adj (power or signal)) with (power adj levels) same (superposition\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/03 20:18
S28	1740	(transmit\$4 or send\$3) same ((weak or low) adj (power or signal)) with (power adj levels)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/03 20:19
S29	114	(transmit\$4 or send\$3) same ((weak or low) adj (power or signal)) with (power adj levels) with (cod\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/06 11:49
S30	114	S28 and S29	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/03 20:19

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S31	61	S26 and S30	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/03 20:19
S32	30200	(base adj stations) same ((mobile or wireless) adj (stations or terminals))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/03 20:20
S33	4	S31 and S32	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/03 20:20
S34	114	(transmit\$4 or send\$3) same ((weak or low) adj (power or signal)) with (power adj levels) with (cod\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/03 20:23
S35	11	S32 and S34	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/03 20:23
S37	27	(transmit\$4 or send\$3) same ((weak or low) adj (power or signal)) with (power adj levels) near3 (mobile adj stations)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/03 20:32
S46	27	(transmit\$4 or send\$3) same ((weak or low) adj (power or signal)) with (power adj levels) near3 (mobile adj stations)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/03 20:29
S47	175092	(examin\$3 or determin\$3) same (quality or (RSSI or (signal adj strength)))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/03 20:33
S48	3341	(mobile adj stations) with (transmit\$4 or send\$3) same (quality or (RSSI or (signal adj strength)))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/03 20:34
S49	2017	S47 and S48	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/03 20:34
S50	6	S37 and S49	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/03 20:38
S51	7	(assign\$3) same (channels) with (quality or (signal adj strength)) with (schedul\$3) near3 (mobile adj stations)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/03 20:40

## EAST Search History

S52	208	(send\$3 or transmit\$4) with (combin\$3 or embed\$3 or composit\$3) near3 (signals or channels or (RSSI or (signal adj strengths))) near3 (base adj stations)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/06 11:51
S57	2575	((mobile or wireless) adj (stations or terminals)) with (send\$3 or transmit\$4) same (combin\$3 or embed\$3 or composit\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/06 11:54
S61	56	((over adj the adj air) or OTA) near3 (transmission)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/06 11:56
S62	8100	(send\$3 or transmit\$4) same (combin\$3 or embed\$3 or composit\$3) near3 (transmission)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/06 11:56
S63	93	S52 and S57	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/06 11:56
S64	236	S57 and S62	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/06 11:57
S65	342	(mobile adj stations) same (first adj signal)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/06 11:57
S66	323	(mobile adj stations) same (second adj signal)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/06 11:57
S67	236	S65 and S66	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/06 11:58
S68	17	S63 and S64	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/06 12:16
S70	4	(receiv\$3 or acquir\$3) same (composit\$3 or combin\$3) near3 (signals) same ((uplink) or (reverse)) with (communication) with (channels) with (assign\$3) near3 (channels)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/06 12:20

## EAST Search History

S71	4	(assign\$3) near3 (channels) near3 (simultaneous\$2) with (uplink or reverse)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/06 12:23
S72	1	S70 and S71	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/06 12:20
S74	7	"6505052"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/06 14:17
S75	1	"6505052".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/06 14:17
S82	41	superposition\$3 near3 decod\$3	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/07 11:16
S85	2	(send\$3 or transmit\$4) with (superimpos\$3) near3 (signal adj strengths)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/07 11:21
S88	1131	((mobile or wireless) adj stations) near3 (base adj stations) with ((power adj levels) or (signal adj strengths))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/07 11:20
S92	63	((mobile or wireless) adj stations) near3 (base adj stations) with ((power adj levels) or (signal adj strengths)) with (cod\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/07 11:20
S93	33	((mobile or wireless) adj stations) near3 (base adj stations) with ((power adj levels) or (signal adj strengths)) with (cod\$3) and decod\$3	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/07 11:21
S94	33	S88 and S93	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/07 11:21
S97	10	("5490167"   "5604766"   "5724292"   "5982760"   "6104918"   "6178313"   "6334047"   "6351650"   "6389296"   "6501958").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/07 11:23